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On

26 April 2006

TOWNSEND and TOWNSEND and CREW LLP

By:

Malinda Abajit

PATENT

Attorney Docket No.: 021288-001020US

Client Reference No.: P1073US20



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

PANDA et al.

Application No.: 10/637,710

Filed: August 8, 2003

For: METHODS FOR TREATING
CIRCADIAN RHYTHM PHASE
DISTURBANCES

Examiner: Anoop Kumar SINGH

Art Unit: 1632

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Commissioner for Patents
P.O. Box 1450
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Sir:

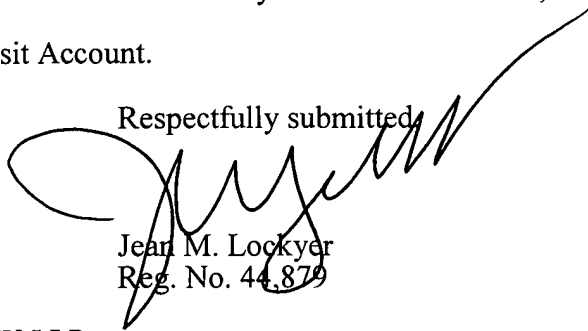
The references cited on attached form PTO/SB/08A&B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Also enclosed is a copy of the Search/Examination report corresponding to the PCT application.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Jean M. Lockyer
Reg. No. 44,879

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60705853 v1

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number	10/637,710
Filing Date	August 8, 2003
First Named Inventor	Satchidananda PANDA
Art Unit	1632
Examiner Name	Anoop Kumar SINGH
Attorney Docket Number	021288-001020US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
								<input type="checkbox"/>
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A1	Belenky et al., "Melanopsin Retinal Ganglion Cells Receive Bipolar and Amacrine Cell Synapses", <i>The Journal of Comparative Neurology</i> , 2003, pp. 380-93, Vol. 460.	<input type="checkbox"/>
	A2	Berson et al., "Phototransduction by retinal ganglion cells that set the circadian clock", <i>Science</i> , 2002, pp. 1070-1073, Vol. 295.	<input type="checkbox"/>
	A3	Gooley et al., "Melanopsin in cells of origin of the retinohypothalamic tract", <i>Nat Neurosci</i> , 2001, p. 1165, Vol. 4.	<input type="checkbox"/>
	A4	Hannibal et al., "The Photopigment Melanopsin Is Exclusively Present In Pituitary Adenylate Cyclase-Activating Polypeptide-Containing Retinal Ganglion Cells Of The Retinohypothalamic Tract" <i>J Neurosci</i> , 2002, p. RC191, Vol. 295.	<input type="checkbox"/>
	A5	Hastings et al., "A Clockwork Web: Circadian Timing in Brain and Periphery, in Heath and Disease", <i>Neuroscience</i> , 2003, pp. 649-661, Vol. 4.	<input type="checkbox"/>
	A6	Hattar et al., "Melanopsin-containing retinal ganglion cells: architecture, projections, and intrinsic photosensitivity", <i>Science</i> , 2002, pp. 1065-1070, Vol. 295.	<input type="checkbox"/>
	A7	Hattar et al., "Melanopsin and rod-cone photoreceptive systems account for all major accessory visual functions in mice", <i>Nature Publishing Group</i> , 2003, pp. 1-6 Vol. 15.	<input type="checkbox"/>

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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(Use as many sheets as necessary)

Sheet

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Application Number 10/637,710
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 First Named Inventor Satchidananda PANDA
 Art Unit 1632
 Examiner Name Anoop Kumar SINGH
 Attorney Docket Number 021288-001020US

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	A8	Lucas et al., "Regulation of the Mammalian Pineal by Non-rod, Non-cone, Ocular Photoreceptors", <i>Science</i> , 1999, pp. 505-507, Vol. 284.	<input type="checkbox"/>
	A9	Panda et al., "Melanopsin (<i>Opn4</i>) Requirement for Normal Light-Induced Circadian Phase Shifting", <i>Science</i> , 2002, pp. 2213-2216, Vol. 298.	<input type="checkbox"/>
	A10	Panda et al., "Melanopsin is Required for Non-Image-Forming Photoc Responses in Blind Mice", <i>Science</i> , 2003, pp. 525-527, Vol. 301.	<input type="checkbox"/>
	A11	Peirson et al., "Expression of the candidate circadian photopigment melanopsin (<i>Opn4</i>) in the mouse retinal pigment epithelium", <i>Molecular Brain Research</i> , 2004, pp. 132-135, Vol. 123.	<input type="checkbox"/>
	A12	Provencio et al., "Melanopsin: An opsin in melanophores, brain, and eye", <i>Proc Natl Acad Sci U.S.A.</i> , 1998, pp. 340-345, Vol. 95.	<input type="checkbox"/>
	A13	Provencio et al., "A novel human opsin in the inner retina", <i>J Neurosci</i> , 2000, pp. 600-605, Vol. 20.	<input type="checkbox"/>
	A14	Provencio et al., "Photoreceptive net in the mammalian retina. This mesh of cells may explain how some blind mice can still tell day from night", <i>Nature</i> , 2002, p. 493, Vol. 415.	<input type="checkbox"/>
	A15	Van Gelder et al., "Pleiotropic Effects of Cryptochromes 1 and 2 on Free-Running and Light-Entrained Murine Circadian Rhythms", <i>J. Neurogenetics</i> , 2002, pp. 181-203, Vol. 16.	<input type="checkbox"/>

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